## **EAST Search History**

## EAST Search History (Prior Art)

| Ref # | Hits  | Search Query           | DBs   | Default<br>Operator | Plurals | Time Stamp          |
|-------|-------|------------------------|---|---------------------|---------|---------------------|
| L1    | 49    | pn code near invert\$4 | US-PGPUB;<br>USPAT  | ADJ                 | ON      | 2010/04/23<br>23:49 |
| S1    | 13039 | watermark              | US-PGPUB;<br>USPAT  | ADJ                 | ON      | 2008/11/24<br>15:12 |
| S2    | 0     | JP 6-334841            | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/11/24<br>15:15 |
| S3    | 0     | JP-6-334841-\$.did.    | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/11/24<br>15:16 |
| S4    | 2     | 2003/0021442           | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/11/24<br>15:16 |
| S5    | 1     | "10553737"             | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/11/24<br>15:18 |
| S6    | 0     | JP-6334841-\$.did.     | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/11/24<br>15:22 |
| S7    | 2     | JP-2000152195-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/11/24<br>15:23 |
| S8    | 10    | US "6636551" B1        | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2008/11/24<br>15:24 |

| S9  | 2     | "6636551".pn.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/24<br>15:24 |
|-----|-------|--|---|-----|----|---------------------|
| S10 | 2     | JP-2000232631-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/24<br>15:26 |
| S11 | 2     | JP-10145757-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/24<br>15:27 |
| S12 | 2     | JP-2003101762-\$.did.  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/24<br>15:31 |
| S13 | 3     | "20030021442"  | US-PGPUB;<br>USPAT;<br>USOCR; FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/11/24<br>15:32 |
| S14 | 3016  | 382/100.ccls.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2008/11/24<br>15:43 |
| S15 | 3850  | 375/130,133,135,145,296.ccls.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2008/11/24<br>15:44 |
| S16 | 1821  | 380/54.ccls. or 382/250.ccls. or<br>348/473.ccls.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2008/11/24<br>15:45 |
| S17 | 3861  | 713/176.ccls. or 380/46.ccls.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2008/11/24<br>15:45 |
| S18 | 11982 | S14 or S15 or S16 or S17   | US-PGPUB;<br>USPAT  | ADJ | ON | 2008/11/24<br>15:46 |
| S19 | 2757  | S18 and watermark  | US-PGPUB;<br>USPAT  | ADJ | ON | 2008/11/24<br>15:46 |
| S20 | 8     | "6735699".pn. or "6768807".pn. or "7366300".pn. or "6134659".pn. or "6889211".pn. or "5982892".pn. or "5912972".pn. or "7260722".pn. or "664976".pn. | US-PGPUB;<br>USPAT  | ADJ | ON | 2008/11/25<br>13:47 |
| S21 | 3025  | 382/100.ccls.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2008/11/25<br>13:50 |
| S22 | 3857  | 375/130,133,135,145,296.ccls.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2008/11/25<br>13:50 |
| S23 | 1823  | 380/54.ccls. or 382/250.ccls. or<br>348/473.ccls.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2008/11/25<br>13:50 |
| S24 | 3872  | 713/176.ccls. or 380/46.ccls.  | US-PGPUB;<br>USPAT  | ADJ | ON | 2008/11/25<br>13:50 |

| S25 | 12010 | S21 or S22 or S23 or S24   | US-PGPUB;<br>USPAT             | ADJ | ON | 2008/11/25<br>13:50 |
|-----|-------|--|--------------------------------|-----|----|---------------------|
| S26 | 2761  | S25 and watermark  | US-PGPUB;<br>USPAT             | ADJ | ON | 2008/11/25<br>13:50 |
| S27 | 21    | S26 and pn code  | US-PGPUB;<br>USPAT             | ADJ | ON | 2008/11/25<br>13:50 |
| S28 | 0     | S20 and pn code  | US-PGPUB;<br>USPAT             | ADJ | ON | 2008/11/25<br>13:50 |
| S29 | 220   | S26 and pn   | US-PGPUB;<br>USPAT             | ADJ | ON | 2008/11/25<br>13:54 |
| S30 | 1     | S20 and pn   | US-PGPUB;<br>USPAT             | ADJ | ON | 2008/11/25<br>13:54 |
| S31 | 3457  | 382/100.ccls.  | US-PGPUB;<br>USPAT             | ADJ | ON | 2009/08/09<br>19:05 |
| S32 | 4192  | 375/130,133,135,145,296.ccls.  | US-PGPUB;<br>USPAT             | ADJ | ON | 2009/08/09<br>19:05 |
| S33 | 1910  | 380/54.ccls. or 382/250.ccls. or 348/473.ccls.   | US-PGPUB;<br>USPAT             | ADJ | ON | 2009/08/09<br>19:05 |
| S34 | 4282  | 713/176.ccls. or 380/46.ccls.  | US-PGPUB;<br>USPAT             | ADJ | ON | 2009/08/09<br>19:05 |
| S35 | 13216 | S31 or S32 or S33 or S34   | US-PGPUB;<br>USPAT             | ADJ | ON | 2009/08/09<br>19:05 |
| S36 | 1524  | S35 and (pseudo noise or pn)   | US-PGPUB;<br>USPAT             | ADJ | ON | 2009/08/09<br>19:05 |
| S37 | 170   | S35 and ((pseudo noise or pn) with (inver\$5))   | US-PGPUB;<br>USPAT             | ADJ | ON | 2009/08/09<br>19:06 |
| S38 | 12    | (US-20030021442-\$).did. or (US-6768807-\$ or US-6735699-\$ or US-7366300-\$ or US-6134659-\$ or US-6889211-\$ or US-5982892-\$ or US-5912972-\$ or US-7260722-\$ or US-6031914-\$ or US-5915027-\$).did. or (EP-999548-\$).did. | US-PGPUB;<br>USPAT;<br>DERWENT | ADJ | ON | 2009/08/09<br>19:06 |
| S39 | 1     | S37 and S38  | US-PGPUB;<br>USPAT             | ADJ | ON | 2009/08/09<br>19:06 |
| S40 | 2     | S35 and ((pseudo noise or pn) with (inver\$5) bit)   | US-PGPUB;<br>USPAT             | ADJ | ON | 2009/08/09<br>19:07 |
| S41 | 17    | S35 and ((pseudo noise or pn) with ((inver\$5) near4 bit))   | US-PGPUB;<br>USPAT             | ADJ | ON | 2009/08/09<br>19:19 |
| S42 | 1531  | steganography  | US-PGPUB;<br>USPAT             | ADJ | ON | 2010/04/14<br>15:17 |
| S43 | 5     | S42 and pn code  | US-PGPUB;<br>USPAT             | ADJ | ON | 2010/04/14<br>15:17 |
| S44 | 0     | S42 and pn code with key   | US-PGPUB;<br>USPAT             | ADJ | ON | 2010/04/14<br>15:18 |
| S45 | 1194  | S42 and key  | US-PGPUB;<br>USPAT             | ADJ | ON | 2010/04/14<br>15:19 |
| S46 | 0     | stegocipher  | US-PGPUB;<br>USPAT             | ADJ | ON | 2010/04/14<br>15:19 |
| S47 | 3     | stegacipher  | US-PGPUB;<br>USPAT             | ADJ | ON | 2010/04/14<br>15:19 |

| S48 | 3     | stegacipher or stegacypher   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/14<br>15:19 |
|-----|-------|--|--------------------|-----|----|---------------------|
| S49 | 76    | stega-cipher or stega cipher   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/14<br>15:20 |
| S50 | 76    | stega-cipher or stega cipher or<br>stegacipher or stega-cypher or stega<br>cypher or stegacypher | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/14<br>15:20 |
| S51 | 75    | S50 and key  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/14<br>15:20 |
| S52 | 0     | S51 and pn code  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/14<br>15:20 |
| S53 | 75    | S51 and watermark  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/14<br>15:20 |
| S54 | 75    | S53 and random   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/14<br>15:21 |
| S55 | 1534  | steganography  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:20 |
| S56 | 1197  | S55 and key  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:20 |
| S57 | 867   | S56 and embed  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:20 |
| S58 | 1     | S57 and inverse key  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:20 |
| S59 | 1     | inverse key and (watermark or steganography)   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:21 |
| S60 | 262   | inverse key  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:21 |
| S61 | 5     | S55 and pn code  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:21 |
| S62 | 16399 | steganography or watermark   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:30 |
| S63 | 54    | S62 and pn code  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:30 |
| S64 | 398   | S62 and (pn code or pseudo-random noise)   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:30 |
| S65 | 1     | S64 and (inverse pn or inverted pn)  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:30 |
| S66 | 696   | maeno.in.  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:33 |
| S67 | 12    | S66 and watermark  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:33 |
| S68 | 0     | (kurato maeno).in.   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:34 |
| S69 | 1     | S67 and pn code  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:34 |
| S70 | 5901  | oki electric industry  | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:35 |
| S71 | 0     | oki electric "industry.cidx"   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:38 |
| S72 | 0     | (oki electric industry)".cidx"   | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:38 |

| S73 | 5621 | (oki electric industry).as.          | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:39 |
|-----|------|--------------------------------------|--------------------|-----|----|---------------------|
| S74 | 21   | S73 and (watermark or steganography) | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:39 |
| S75 | 0    | S74 and pn                           | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:39 |
| S76 | 0    | S74 and pseud-random noise           | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:39 |
| S77 | 0    | S74 and pseudo-random noise          | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:39 |
| S78 | 0    | S74 and pseudo random noise          | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:39 |
| S79 | 0    | S74 and pseudo random                | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:39 |
| S80 | 0    | S74 and pseudo-random                | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:40 |
| S81 | 2    | S74 and random                       | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:40 |
| S82 | 925  | S56 and watermark                    | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/15<br>13:41 |
| S83 | 1    | two-dimensional PN code              | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/16<br>17:50 |
| S84 | 1    | two dimensional PN code              | US-PGPUB;<br>USPAT | ADJ | ON | 2010/04/16<br>17:50 |

## **EAST Search History (Interference)**

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4/23/2010 11:50:22 PM

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